

ROAMview™



Wireless Outdoor Management System



Control your lights – and your costs.





ROAM® is a wireless outdoor lighting management system that delivers flexible control strategies for minimizing maintenance costs, optimizing energy use and providing a safe nighttime environment.

The comprehensive product portfolio is unlimited in scale and can be centrally or locally hosted. With numerous deployments across the U.S. and Canada, ROAM is the proven leader in wireless control solutions.

ROAMview™ offers single-site customers with less than 2,000 fixtures a simple but powerful system for controlling and monitoring area lighting fixtures. Simplicity of installation and use are the cornerstones of the ROAMview system.



ROAMview™ helps reduce your lighting costs through advanced control of outdoor lighting

All this time you've been paying for energy that's not getting any cheaper, for lighting that doesn't always need to be on.

There's an answer, and it doesn't involve excavation or re-circuiting your outdoor lighting.

The ROAMview lighting-control system is a quick-and-easy retrofit, wireless solution that lets you set exactly which lights come on, when they come on, for how long, and at what level of brightness. It even tells you when a light is out, and that's critical to security.

With ROAMview's unprecedented and precise, 24/7 lighting-control capabilities, you can better manage your lighting, your time and your risks – and the budget that pays for it all.

Energy efficiency is where ROAMview really shines

You're in full control of each fixture on your ROAMview network. Schedule which lights turn on, turn off, or dim – where, when and how you want. A simple scheduling tool lets you define exactly which fixtures should be on at what times for normal operation. An unlimited number of custom schedules are available for holidays or closures. If plans suddenly change, you can easily override the programmed settings with a specific event schedule and the system will resume normal operation automatically once that event is over.

Because your lighting usage is specifically tailored to each day's needs, the energy savings accumulate rapidly. Easy-to-understand energy graphs let you see the effects of your scheduling long before the utility bill arrives.

ROAMview BENEFITS

- Saves energy
- Retrofits easily on any property
- Reduces maintenance costs
- Improves on-property safety and security
- Increases lamp and ballast life
- Provides quick return on investment





With ROAMview, energy savings is just half the story

ROAMview's ability to monitor and precisely control your outdoor lighting does much more for your bottom line than just help you save on energy costs.

ROAMview also:

- Maximizes the life of your outdoor lighting assets, reducing unnecessary lamp replacements
- Reduces maintenance-related labor costs by automatically detecting and categorizing fault conditions
- Avoids costly excavation or construction to re-circuit existing lights – work that's standard for panel-based systems
- Creates a safer outdoor environment for your property by maximizing the effectiveness of your light fixtures
- Adds value to your property by enhancing visual appeal and ensuring consistency in daily lighting schedules

Managing your lighting reduces your risk

Before ROAMview it was not unusual for property owners to conduct weekly or monthly nighttime audits to ensure that lighting was operational. That meant that failures often went undetected (and unaddressed) for as long as a month. The extended periods of darkness created safety hazards as well as opportunities for crime.

ROAMview monitors every light, every night. In a few seconds at your computer you can confirm that all of your lighting was operational the night before. Your daily system performance data is stored in a log for subsequent retrieval. ROAMview reduces the probability of adverse events by rapidly identifying non-functional lighting.



ROAMview gives you information so you can take action



ROAMview shows the exact location and performance of each lighting fixture. Color coded icons indicate operational performance over the last 24 hours.



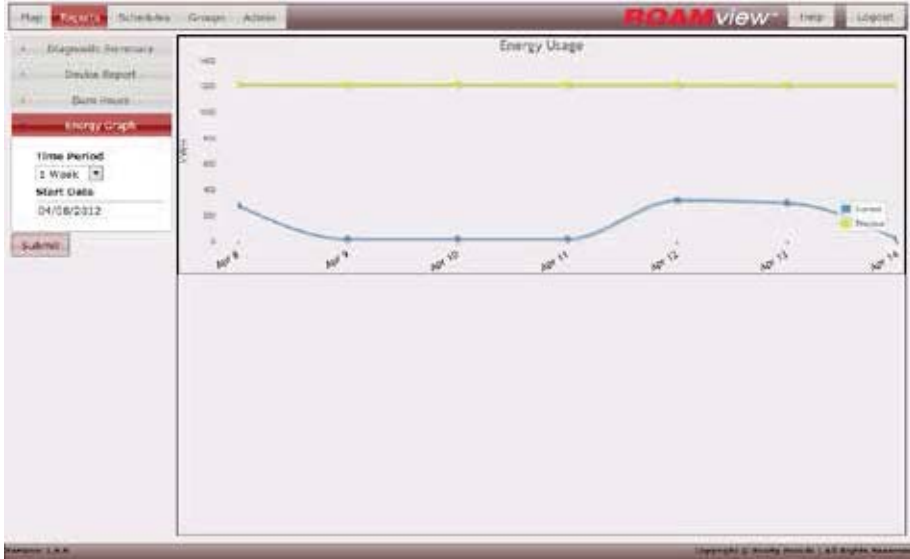
The Calendar control panel lets you view and set your lighting system's operational schedule for fixture groups or full system operation.

ROAMview™

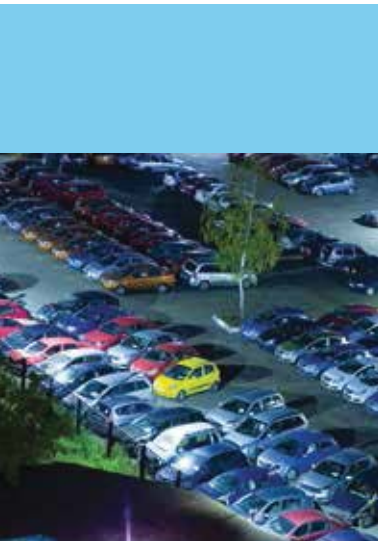
Burn Hours

Fixt ID	Type	Location	Lamp		Lamp Cumulative		Fixture
			Watt	Burn Hours	Watt	Burn Hours	Burn Hours
35679	Z	Wellway	0.00	0.00	18.31	425.75	425.75
FCE1	N/A	Upper Parking Lot	2.83	11.60	219.05	823.87	2475.79
1048C	N/A	Upper Parking Lot	0.00	0.00	99.09	1098.80	1098.80
1048D	N/A	Upper Parking Lot	3.12	11.03	444.95	1538.46	1538.46
10283	N/A	Upper Parking Lot	3.45	11.62	477.16	1584.17	1584.17
1087E	N/A	Upper Parking Lot	3.63	13.67	447.84	1506.37	1506.37
1087F	N/A	Upper Parking Lot	3.02	10.90	421.49	1533.16	1533.16
1027B	N/A	Upper Parking Lot	3.21	11.55	433.68	1488.08	1488.08
1036A	N/A	Upper Parking Lot	2.36	11.69	325.95	1464.76	1464.76
10382	N/A	Upper Parking Lot	0.00	0.00	239.35	1080.58	1080.58
10281	N/A	Upper Parking Lot	3.12	11.67	474.84	1481.06	1481.06
1087A	N/A	Upper Parking Lot	2.80	10.67	467.54	1513.46	1513.46
10280	N/A	Upper Parking Lot	3.00	11.63	470.22	1506.76	1506.76
1009E	N/A	Lower Parking Lot	2.91	11.70	496.38	1505.57	1505.57
1028A	N/A	Lower Parking Lot	3.02	10.70	410.78	1307.30	1307.30
10273	N/A	Lower Parking Lot	2.84	10.74	387.72	1432.25	1432.25
10689	N/A	Lower Parking Lot	3.41	13.73	386.62	1452.81	1452.81
1037	N/A	Lower Parking Lot	2.89	10.81	347.67	1469.12	1469.12

Monitor your lighting usage down to each individual fixture using the Burn Hours report. Pinpoint problem lights and address product-warranty concerns with the data provided.



The energy usage graph allows you to quickly assess the savings achieved by fine-tuning lighting schedules.



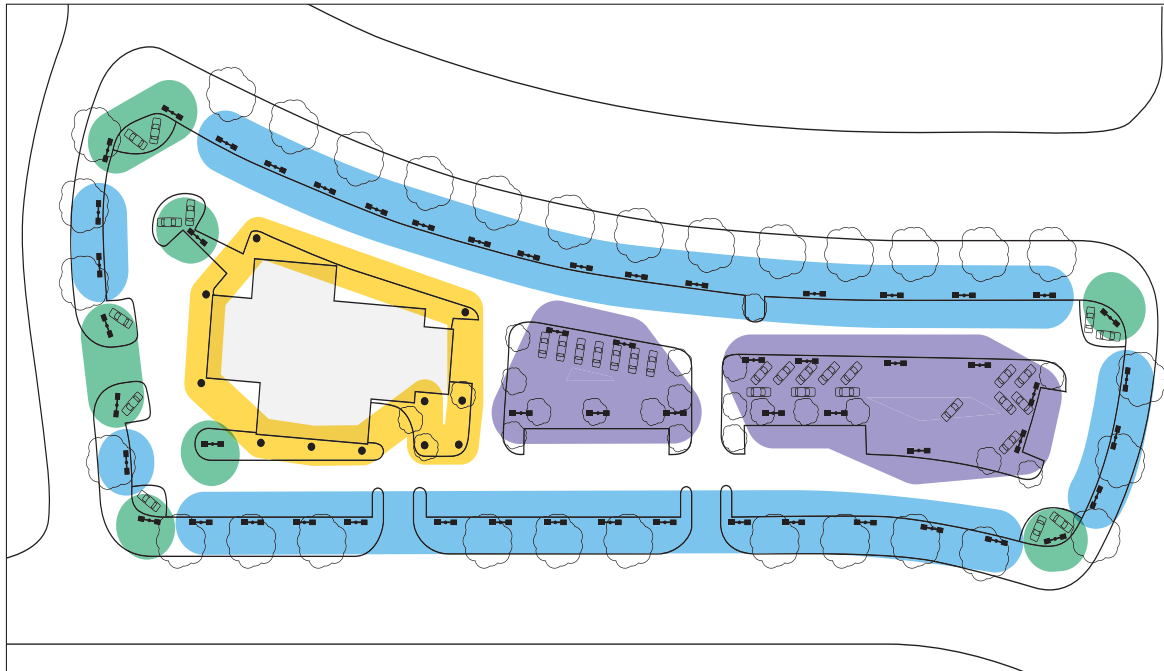
APPLICATION: AUTO DEALERSHIPS

Showcase vehicles and enhance the purchasing experience while implementing flexible, energy-saving control strategies.

- Feature lighting: Group fixtures to highlight specific areas of the vehicle lot for after-hours customer viewing.
- Energy savings: Separately group and schedule fixtures in maintenance and lower-traffic areas to turn OFF or dim when they are not needed, saving energy.
- Asset protection: Detect operating problems that can shorten the life of fixtures, and rotate daily schedules for individual fixtures to achieve uniform operating hours in areas serviced by multiple fixtures.
- Safety and security: Identify fixture problems that take away from the customer experience and increase liability, helping to ensure an excellent customer experience with a well lighted and fully operational outdoor lighting system.
- Ease of retrofit: A typical lot can be ROAM-enabled within a day—without costly fixture replacement, trenching or new lighting panels—putting ROAM to work almost immediately.
- Seamless interface: After installation, simply log on to the secure website to begin monitoring and controlling the lighting system, with no special computer work or support required.

Highlight specific areas for after-hours customer viewing

Customize Lighting for Changing Needs



Brighten up the lot to create an evening showroom while conserving energy in unused areas. As the night wears on, the lighting can be reduced to provide the perfect levels required for security, while also reducing energy.

LEGEND

	Part-Night	Remotely schedule on/off/dim times to shorten burn cycle and put the right amount of light in an area only at times it is needed.
	Dusk-to-Dawn	Lights turn on or off based on pre-set sensing of ambient light conditions.
	Dusk-to-Scheduled-Off	Lights turn on at pre-set ambient light sensing levels but go off or dim based on scheduled times set remotely by the user.
	Trimming	Remotely adjust schedules for on/off/dim times based on offsets from official sunrise and sunset. Shorten the time lights are on without impacting public safety or lighting performance.



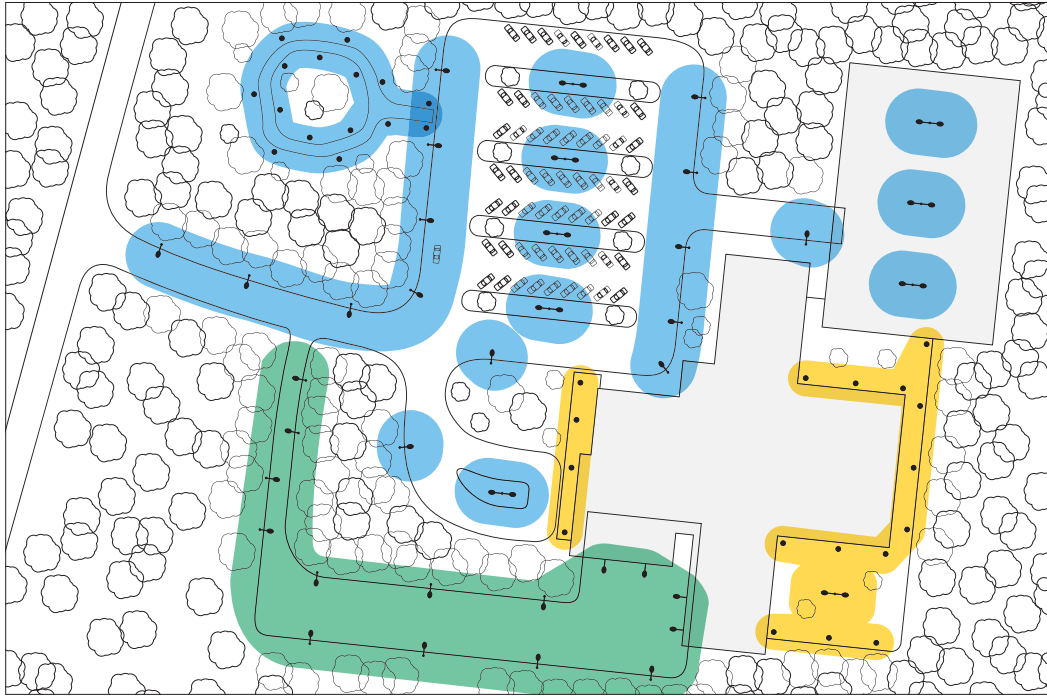
APPLICATION: HOSPITALS AND HEALTHCARE

Provide a superior patient, staff and visitor experience while helping to lower the overall cost of healthcare.

- Energy savings: Separately group and schedule fixtures in staff, visitor and patient parking areas to reduce lighting levels during low traffic times.
- Asset protection: Rapidly detect operating problems that can shorten the life of fixtures, especially overheating of LEDs, while extending service life through dimming, alternating lamp usage through grouping, and identifying daytime operation.
- Safety and security: ROAM identifies and reports lighting problems that impact the safety and security of staff and visitors; providing for prompt maintenance response and a reduction in owner liability.
- Ease of retrofit: A typical fixture can be ROAM enabled within minutes, without costly lamp replacement, trenching or new lighting panels.
- Seamless interface: After installation, simply log on to the secure website using any web browser to begin monitoring and controlling the lighting system, with no special computer work or support required.
- Flexible scheduling: Change lighting schedules as operating schedules shift.

Lights are on when and where they need to be

Reduce Cost and Improve Safety



Schedule lighting to provide security where and when it is needed in employee, visitor and patient parking lots, while extending the life of fixtures.

LEGEND

	Part-Night	Remotely schedule on/off/dim times to shorten burn cycle and put the right amount of light in an area only at times it is needed.
	Dusk-to-Dawn	Lights turn on or off based on pre-set sensing of ambient light conditions.
	Dusk-to-Scheduled-Off	Lights turn on at pre-set ambient light sensing levels but go off or dim based on scheduled times set remotely by the user.
	Trimming	Remotely adjust schedules for on/off/dim times based on offsets from official sunrise and sunset. Shorten the time lights are on without impacting public safety or lighting performance..



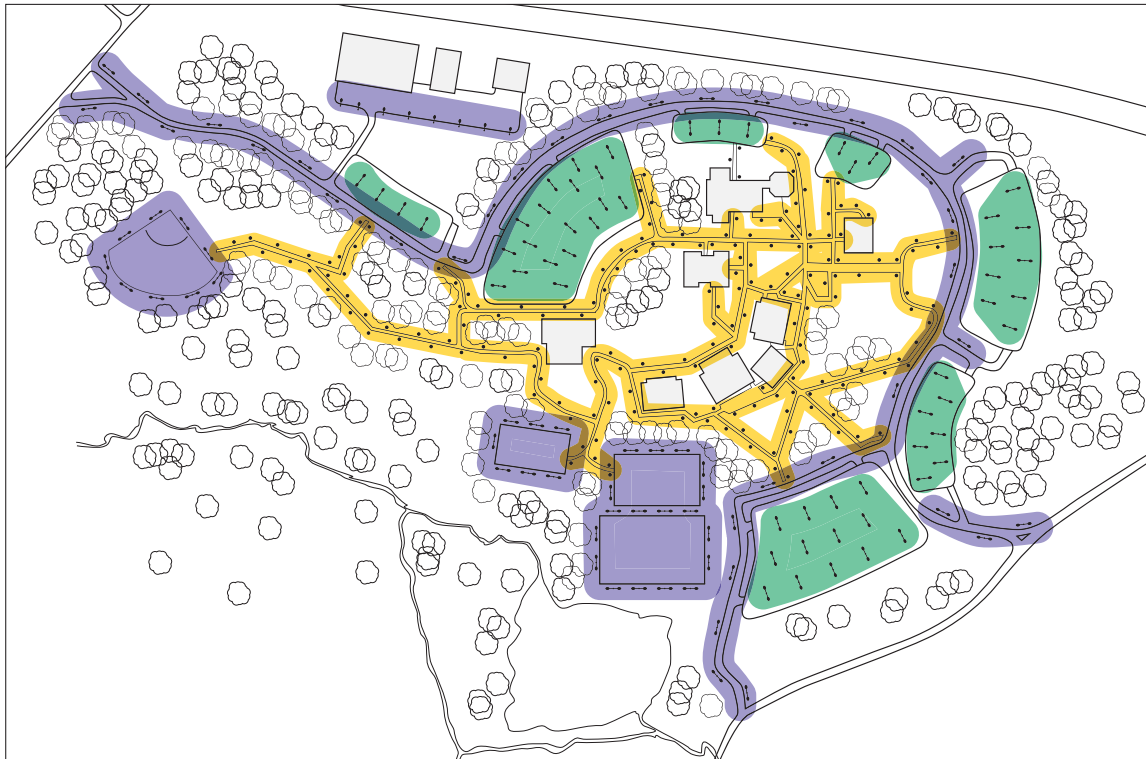
APPLICATION: CAMPUS

Ensure a safe and secure nighttime campus environment by rapidly and accurately addressing lighting issues for campus areas, while reducing total energy costs for lighting.

- Campus and student safety and security: Enhance student safety and reduce risk by ensuring lights are ON when and where they need to be. Quick detection and repair of fixture problems provide a more secure nighttime environment.
- Maintenance efficiency: Increase maintenance efficiency by using the ROAM system to monitor fixtures and detect outages. If an outage is detected, work orders are generated and the location of the fixture is provided. Quickly detecting, locating, and repairing fixtures significantly reduces maintenance costs.
- Feature lighting: Showcase building and other priority site locations through grouping and scheduling.
- Energy savings: Minimize energy costs through proven control strategies such as scheduling, part-night dimming or ON/OFF, or dusk-to-dawn shutoff.
- Asset protection: Rapidly detect operating problems that can shorten the life of fixtures, while extending service life through dimming, alternating lamp usage through grouping, and identifying daytime operation. System offers a single control point regardless of fixture type or light source.
- Ease of retrofit: A typical fixture can be ROAM-enabled within minutes, without costly lamp replacement, trenching or new lighting panels.
- Seamless interface: After installation, simply log on to the secure internal website using any web browser to begin monitoring and controlling the lighting system, with no special computer work or support required.

Showcase building and other priority site locations

Enhance Security and Manage Risk



Provide safety and security to the campus environment by ensuring optimal lighting levels are reliably maintained, as outages are quickly identified or prevented.

LEGEND

	Part-Night	Remotely schedule on/off/dim times to shorten burn cycle and put the right amount of light in an area only at times it is needed.
	Dusk-to-Dawn	Lights turn on or off based on pre-set sensing of ambient light conditions.
	Dusk-to-Scheduled-Off	Lights turn on at pre-set ambient light sensing levels but go off or dim based on scheduled times set remotely by the user.
	Trimming	Remotely adjust schedules for on/off/dim times based on offsets from official sunrise and sunset. Shorten the time lights are on without impacting public safety or lighting performance.



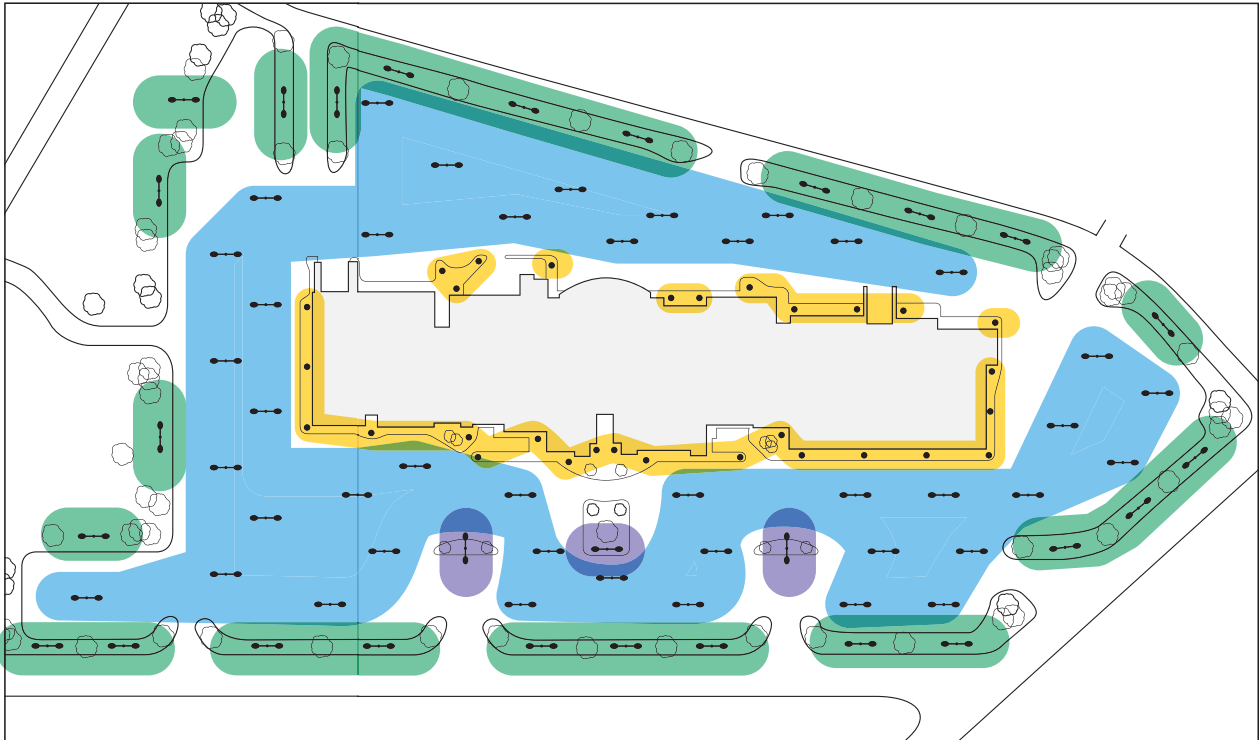
APPLICATION: SINGLE-SITE RETAIL

Provide a welcoming and safe customer experience through improved parking lot lighting outage identification and repair while lowering energy costs for outdoor lighting.

- Feature lighting: Support flexible hours of operation by grouping lighting fixtures, scheduling ON/OFF and dim level control of parking lot lighting.
- Energy savings: Minimize energy costs through proven control strategies such as scheduling, dimming, part-night dimming or ON/OFF. Reduce after hours parking lot lighting levels to support security needs while significantly reducing energy usage.
- Asset protection: Rapidly detect operating problems that can shorten the life of fixtures, while extending LED service life through dimming, alternating lamp usage through grouping, and identifying daytime operation.
- Safety and security: Reduce risk by ensuring lights are ON when and where they need to be, providing security for customers and employees. Monitor the system to rapidly detect outages and other anomalies for more efficient maintenance.
- Ease of retrofit: A typical fixture can be ROAM-enabled within minutes, without costly lamp replacement, trenching or new lighting panels.
- Seamless interface: After installation, simply log on to the secure website using any web browser to begin monitoring and controlling the lighting system, with no special computer work or support required.

Increase safety and security – reduce risk and liability

Lower Costs and Increase Visual Appeal

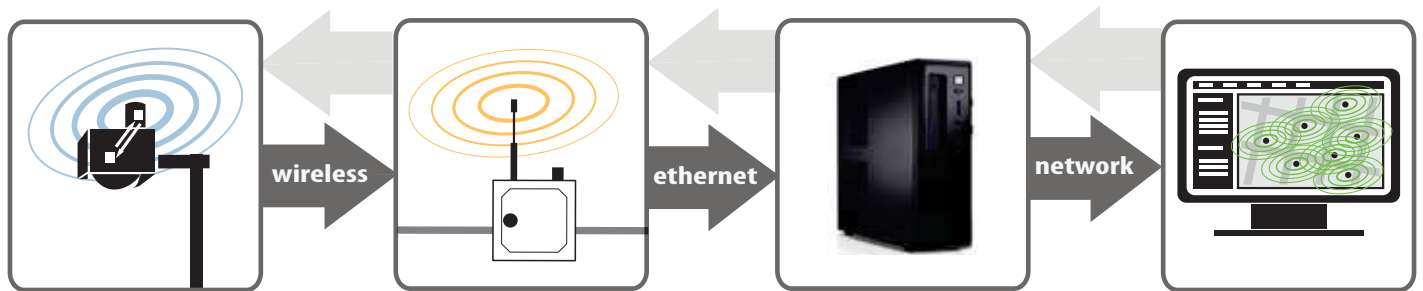


Present a welcoming storefront at any hour with lighting that offers security to customers and retail owners. Lighting asset protection, maintenance and energy savings help offset the cost of outdoor lighting.

LEGEND

	<p>Part-Night</p>	<p>Remotely schedule on/off/dim times to shorten burn cycle and put the right amount of light in an area only at times it is needed.</p>
	<p>Dusk-to-Dawn</p>	<p>Lights turn on or off based on pre-set sensing of ambient light conditions.</p>
	<p>Dusk-to-Scheduled-Off</p>	<p>Lights turn on at pre-set ambient light sensing levels but go off or dim based on scheduled times set remotely by the user.</p>
	<p>Trimming</p>	<p>Remotely adjust schedules for on/off/dim times based on offsets from official sunrise and sunset. Shorten the time lights are on without impacting public safety or lighting performance.</p>

How ROAMview™ Works



Nodes

- Operate with any outdoor LED, HID or other fixture
- Can be spaced up to 1,000 feet apart

Gateway

- Receives data from and transmits commands to nodes
- Communicates with up to 2,000 devices

Server

- Pre-configured with ROAMview software
- Collects and stores lighting system performance data

Portal

- Displays operating conditions, performance data and energy use
- Accessible from a web browser
- Allows user to establish ON/OFF/TRIM/DIM schedules

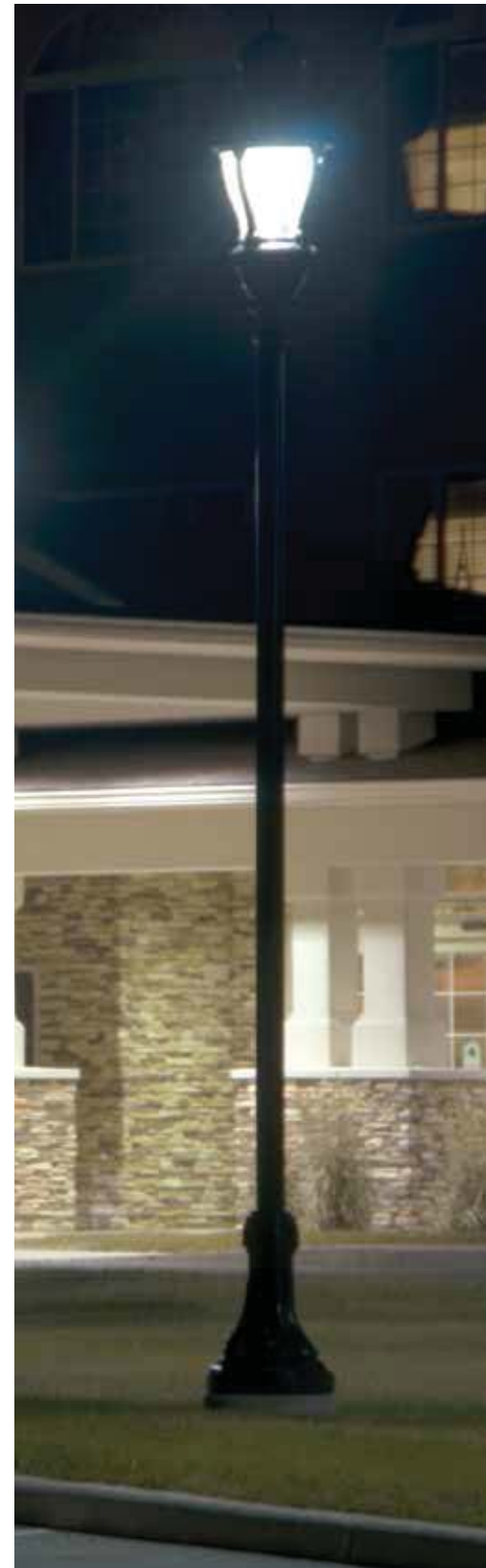
ROAMview is easy

Installing ROAMview won't interrupt daily operations on your property. The key control element, the intelligent wireless node, installs in a twist-on receptacle that can be easily added to your existing fixtures or poles. The node responds to system commands and monitors fixture performance, ensuring that each fixture is doing exactly what it is programmed to do.

ROAMview's pre-configured server and wireless gateway can be installed quickly. Configuration and scheduling are performed from any computer on the network.

INSTALLING ROAMview IS AS SIMPLE AS:

1. Installing ROAMview nodes on your outdoor fixtures
2. Plugging in the pre-configured server and gateway
3. Performing the final configuration





To learn more, visit roamservices.net

One Lithonia Way | Conyers | GA 30012

1.800.442.6745

sales@roamservices.net



Expanding the boundaries of lighting

Acuity Brands, Inc., is a North American leading provider of lighting fixtures and one of the world's leading providers of lighting solutions for both indoor and outdoor applications.

In addition to the ROAM® brand, Acuity Brands lighting control solutions are sold under the names Sensor Switch®, Lighting Control & Design™, Synergy® Lighting Controls, Pathway Connectivity™, and Dark To Light®. Other Acuity Brands Lighting brands include Lithonia Lighting®, Holophane®, Peerless®, Gotham®, Mark Architectural Lighting™, Winona® Lighting, Healthcare Lighting®, Hydrel®, American Electric Lighting®, Carandini®, Antique Street Lamps™, Tersen®, Sunoptics®, RELOC® Wiring Solutions, and Acculamp®.